## OFFICE OF ADMINISTRATIVE HEARINGS FOR THE MINNESOTA POLLUTION CONTROL AGENCY

e Matter of the Proposed Amendments to Rules Pring Air Emissions Permits, Minnesota Rules press 2005, 7004, Greenhouse Gas Permitting Rules loring or GHG Rules) and 7001,

**RULES HEARING** OAH DOCKET NO. 16-2200-22910-1

The above-entitled matter came on for hearing before Manuel Cervantes, Administrative Law Judge, taken before Angela D. Sauro, RPR, a Notary Public in and for the County of Hennepin, State of Minnesota, taken on the 30th day of August, 2012, at the Minnesota Pollution Control Agency, Boardroom, 520 Lafayette Road, St. Paul, Minnesota, commencing at approximately 2:00 p.m.

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APPEARANCES

MANUEL J. CERVANTES, ADMINISTRATIVE LAW JUDGE, OFFICE OF ADMINISTRATIVE HEARINGS, 600 North Robert Street, Post Office Box 64620, St. Paul, Minnesota 55164-0620, appeared as the Judge.

ANDREW J. TOURVILLE, JR., ASSISTANT ATTORNEY GENERAL, Bremer Tower, Suite 900, 445 Minnesota Street, St. Paul, Minnesota 55101-2127, appeared for and on behalf of the Minnesota Pollution Control Agency.

> PANEL MEMBERS BARBARA JEAN CONTI, Air Quality Technical NATHAN COOLEY, Rules Coordinator FRANK KORLASCH, Environmental Analysis & Outreach Section Manager

THE JUDGE: Good afternoon. My name is Judge Manuel Cervantes, I am an Administrative Law Judge with the Office of Administrative Hearings. The Office is independent of the Minnesota Pollution Control Agency that is proposing to adopt rules today and of any individuals or groups that may be participating in this hearing. The role of this office is to provide hearings like this that are required by law in a way that is fair to all the parties who are participants.

Among the other directions from the Legislature, specifically Minnesota Statutes 14.14 and 14.15. rulemaking hearings are to be conducted so that members of the public may be treated fairly and impartially. I am here as part of a larger set of regulatory controls to ensure this procedural fairness is maintained.

It is approximately 2:15 on August 30, 2012. and we have convened in the Boardroom of the offices of the Pollution Control Agency in St. Paul.

We are here in the matter of proposed rules of the Minnesota Pollution Control Agency governing permits for greenhouse gas emissions, emissions from stationary spark emission engines, and clarification of who must obtain air permits under Minnesota Rules

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23 24 Chapters 7005, 7007 and 7011.

There is a handout on the table entitled the State of Minnesota, Office of Administrative Hearings Rule Hearing Procedures. If you don't have a copy, please take a moment to retrieve one from the table. It describes the procedures set up by the Legislature for hearings like this. Although I will touch upon the highlights of the procedures, more detailed information is included in the handout.

This hearing is part of the process by which agency rules are adopted under the Minnesota Administrative Procedure Act. The purpose of this hearing is to develop and receive information on three key issues under the Act. Namely, whether the Minnesota Pollution Control Agency, one, has the legal authority to adopt the proposed rules; two, has fulfilled all the relevant legal and procedural requirements in order to promulgate rules; and, three, has demonstrated that among the possible alternatives for rulemaking that were available to the Agency, the rules that the Agency has proposed are needed and reasonable.

While I am happy to give anyone who will share comments today the leeway in developing the context for their presentations and arguments, I will

allotted for questions and statements from the public.

In order to make sure that we have an accurate record of the number of people attending this hearing, everyone is requested to sign the hearing register located at the registration table. If you wish to speak or submit a written statement today, you must sign the register. If you wish to speak, please indicate that on the hearing register.

When you are called upon to speak, please come up to this area here where the microphone has been set up so that we can be assured that your testimony is recorded. When you begin speaking please state your full name and spell it, and then also give us your address, and identify any group or interest group that you represent.

A rule hearing like this is similar to a local board meeting or a legislative hearing. You will have the opportunity to talk and to ask questions of other participants. It is not a court trial. Any speaker may ask questions of the Agency and may also be questioned by the Agency, the Administrative Law Judge or other persons present at the hearing.

Because this is not a court hearing, you do not need to make points you want to make by asking questions. You can go directly to the point. You can

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simply say that it will be most helpful to me and the best use of our time if both the Agency staff and members of the public would focus on the three key issues that I will need to report upon, namely whether the Minnesota Pollution Control Agency has the legal authority to adopt the proposed rules, has fulfilled all the relevant legal and procedural requirements in order to promulgate the rules, and has demonstrated that the rules that the Board has proposed are needed and reasonable.

The agenda for today is to complete my preliminary remarks regarding the procedure of the hearing, introduce the Agency staff that is here from the Minnesota Pollution Control Agency, and next the Agency will submit its exhibits that will be included in the hearing record. I have asked the Agency representative to summarize the exhibits so that everyone has an idea of what will be going into the record. You may look at the exhibits during the break, but please leave them there at the table.

After that a representative of the Agency will make a brief oral presentation about the rules and the reasons for them. There will also be other staff available to answer questions.

Finally, most of the hearing time has been

state what your own views are. It is also helpful that if you have specific points to address relative to a section of the rule, that you identify those sections. The record we make today may be reviewed by others later. We want to make sure that your point is equally clear to them.

This hearing is being recorded by a court reporter and will be transcribed. It is very important that we obtain an accurate record of this hearing. I would therefore ask all speakers to remember the following: It is important that you speak clearly and slowly and loud enough so that we can hear you. All statements must be spoken. A nod of the head yes or no obviously cannot be recorded. Please spell out proper names or technical terms the first time they are used. I ask that only one person speak at a time.

If you have a written copy of your remarks that you can leave with us as an exhibit, please do SO.

You may also submit your comments in writing after the hearing. Comments should be submitted to my office at the address indicated on the back of the handout. After the close of the hearing you will have 20 days or until Wednesday, September 19, 2012 to make 8

your submission, and then you will have a five-workday rebuttal period to comment on all previously submitted comments. That period closes at the close of business on Wednesday, September 26, 2012.

The second period is not an opportunity to submit your initial comments or evidence. Minnesota law states additional evidence may not be submitted during the five-day rebuttal period. Your initial comments must be done by the close of the initial comment period, which will close on Wednesday, September 19th. The five-day rebuttal period is an opportunity for you to review and respond to the comments submitted to the Agency or others during the first comment period.

After the Wednesday, September 26, 2012 deadline passes, I will prepare a report, and that report will contain my decisions about whether or not the Board has met the legal obligations I have discussed earlier. If you want to obtain a copy of my report, please put your name and address on one of the envelopes at the sign-in table and we will see that you get notice when the report is available. You will be informed about how to obtain a copy.

The handout goes into those details about the hearing process that occurs after my report is issues.

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this on the microphone, I was going to have them introduce themselves, but I will do my best to introduce them. I should get my list here of folks, of which I lost. The person who will make the presentation for the MPCA today is Ms. Barbara Jean Conti, and she is an air policy technical staff. If I get positions wrong, if you would correct me I would appreciate it.

The next person on the list that I have is Kelsey Suddard, and Ms. Suddard is an air quality permits engineer. Nathan Cooley has already spoken. Nathan is the rule coordinator for this particular proceeding. David Richfield is in the back, and David is the Agency rules supervisor. Carolina Schutt over here, and she is the air quality permits and air quality permits supervisor. Frank Kohlasch, and Frank is the environmental analysis and outcome section manager.

Is there anyone else from MPCA here as part of this rulemaking proceeding? Thank you.

THE JUDGE: Okay, thank you. MR. TOURVILLE: So, Your Honor, I

have the documents that we usually refer to as the jurisdictional documents, the various notices and copies of the SONAR, rules and those things, and I

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If you are interested in those details, please pick up a handout.

Are there any questions about the hearing procedure before we get started? Mr. Cooley.

MR. COOLEY: Judge Cervantes, you mentioned a handout, and I am not seeing it by the sign-in sheet.

THE JUDGE: Okay, let me check. MR. COOLEY: I will just pass one

around. If you want one, please take one.

THE JUDGE: Okay. Then with that, I am going to call upon counsel for the Agency to make his submission for the exhibits.

MR. TOURVILLE: Thank you, Your

Honor.

THE JUDGE: Mr. Tourville.

MR. TOURVILLE: My name is Andrew

Tourville, and I am an Assistant Attorney General assigned to represent the -- I think I need to start over. My name is Andrew Tourville, and I am an Assistant Attorney General assigned to represent the Minnesota Pollution Control Agency in this rule proceeding.

I would like to introduce first the MPCA staff and folks who are here. Because we need to get

would like to go through them. If I give too much detail and you don't need it, just let me know.

THE JUDGE: Okay. Will do. MR. TOURVILLE: So I have, Your

Honor --

MR. MUELLER: Your Honor, if I may,

is it your intent to have the other participants in the hearing also introduce themselves?

THE JUDGE: Not at this time. I

believe you came in a little bit later than most folks, what I did is ask that folks that arrive here to attend the hearing sign in at the register so we know who folks are. If you want to make a public presentation, you can do that, and I will call you in turn.

MR. MUELLER: Second question, I have a lot of questions for staff, at what time do you want me to pose them?

THE JUDGE: As I indicated in my initial remarks, that most of the hearing is going to be around questions and comments from the public, and so once we take care of some of the technical matters, which the introduction of the documents that the Agency is relying upon for their rulemaking process, I will be turning it over for a short presentation to

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the Pollution Control Agency staff to give us an overview of what is going on with the rules today and what they are proposing, and then at that point we will take the public comment and questions.

Then at the end of that period I will take the information, and if folks want to submit additional things in writing or comments, they can do so, and there is some additional time to do that after the hearing.

> MR. MUELLER: Okay. Thank you, sir. THE JUDGE: Mr. Tourville, you may

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proceed.

MR. TOURVILLE: So there is a list, the documents have been put into a binder, so they are all in this binder. There is an index page in the first page. The first exhibit, these have all been marked, so this Exhibit 1 is the request for comments that the Agency had published in the State Register August 29, 2011. There is a copy of the notice itself and a copy of a portion of the actual State Register from which that copy is taken.

Exhibit 2 is the original copy of the proposed rules with the certification by the Revisor's Office by Cindy K. Maxwell, the Senior Assistant Revisor, and these proposed rules are dated April 26th

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adopt the rules without a public hearing unless 25 or more persons requested a hearing, and the Notice of Hearing if 25 or more requests for hearing are received. That notice is dated July 3, 2012 signed by Deputy Commissioner Beeman. There is also an affidavit of publication of the dual notice that it was published in the July 9, 2012 State Register, and there is a complete copy of the State Register issue for that publication.

The next exhibit is Exhibit 6, and Exhibit 6 is the Certificate of Mailing Notice to the rulemaking mailing list, and that certificate is given by Nathan Brooks Cooley. He is certifying that he mailed the notice on July 9th to the persons who are on the list. The list is 700 and -- well, there are two parts to the list. This list is 1,338 -- 1,388 persons on the list. These folks indicated, they self-subscribed to the list, and this list is not only the people who indicated they were interested in rules, but also people who indicated they were interested in MPCA rulemaking in general, and also people who indicated that they were interested in air related issues.

Now, I want to tell you that this Certificate of Mailing indicates that the mailing was done 32 days before the end of the comment period, and the rules of

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of 2011.

Exhibit 3 is the Statement of Need and Reasonableness, the document we usually call the SONAR. This is the original signed by deputy Commissioner for the MPCA Michelle Beeman on July 3rd of 2012. This copy also includes copies of the six exhibits that are listed in the SONAR. Those are the documents that Nathan Cooley mentioned at the start of hearing. They are voluminous. They occupy about an inch of paper in this book, and it's all two-sided, so it's quite a bit of material, but it is all available through the links that are listed at the end of the SONAR.

The fourth exhibit -- I didn't even include all of the ones, it's probably an inch and a quarter.

The fourth exhibit is the certificate of mailing of the Statement of Need and Reasonableness to the Legislative Reference Library. The certificate is given by Nathan Brooks Cooley on July 6th of 2012. As is preferred by the Legislative Reference Library, the SONAR was electronically transmitted to the library. There is also a copy of the transmittal letter that was part of that e-mail submittal.

Exhibit 5 is a copy of the Notice of Intent -- the dual notice, the Notice of Intent to the Office of Administrative Hearings state that notice should be mailed 33 days before the comment period. Everybody these days is getting this notice electronically, and the statute requires that everyone have at least 30-days notice. Everyone did have 30-days notice, but it does not literally comply with the Office of Administrative Hearings --

THE JUDGE: Okay.

MR. TOURVILLE: -- rule, and MPCA

believes that that will be a harmless error, but requests that you make that determination.

THE JUDGE: All right. Just so

folks understand, we have a three-day rule for mailing, and I suspect -- while I was not active in the creation of the OAH rules, that that is probably where that came from, but I just note that for the record.

MR. TOURVILLE: Yes. I did a little research into when that rule came about.

THE JUDGE: Why don't you further

elucidate us, when was that?

MR. TOURVILLE: I found -- this

probably goes back to the days when the Attorney General's Office reviewed rules that did not require a hearing, and I believe that that goes back to the

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permanent rules.

'80s. The current OAH rules come from I believe early 1996, and that is the first time when the OAH rules mentioned the 33-day mailing period. Of course, those were still the days when we were using the U.S. Postal Service for contacting people. Now that the contacts are in this case all by electronic means, folks actually get the notice faster. So everyone did get the notice when it was -- I mean it was in their inbox 32 days before the end of the comment period.

THE JUDGE: Thank you.

MR. TOURVILLE: Exhibit 7 is a

certificate of giving additional notice, and that additional notice, let's see, was mailed -- was given July 9th -- it was given several different times. It was given on July 9, 2012 to the 702 people who self-subscribed to what is called the Gov Delivery mailing list. Those were the folks that indicated that they were interested in the hearing, and this notice is the one that tells people that there will be a hearing, if I am reading this correctly.

The notice was also sent to the persons who on April -- on August 14th after the comments came in and MPCA determined that at least 25 hearing requests had been received, the notice was sent to all of the persons who commented or requested a hearing. I

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Exhibit 9 is a letter -- is several things. There is a letter from Nathan Cooley on June 25, 2012 to the Chief Administrative Law Judge requesting approval of the proposed dual notice, the additional notice plan and permission to omit the text of the proposed rule from the dual notice based on cost considerations. In response to that letter are two letters. One is from Judge Cervantes approving the additional notice plan and the dual notice, providing that MPCA spells its name correctly.

The second letter is from the Chief Administrative Law Judge which approves elimination of the requirement to print the rule with the notice on two conditions, and the conditions were that MPCA include in its electronic version of the dual notice a link directly to the proposed rules on the Agency's website, and that was done; and, secondly, that MPCA maintains that link or an automatic redirection of the link to the proposed rules on the Agency's website for 30 days following publication of the Agency's final notice of adoption of the rule after this process is over.

Exhibit 10 is a certificate of sending the dual notice and a Statement of Need and Reasonableness to the legislators who are the chairs or ranking

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believe that was 46 persons. Also the certificate indicates that the notice was sent to legislative assistants -- I might have misfiled Exhibit 7, if I could have just a moment.

THE JUDGE: Sure, that is fine. MR. COOLEY: This is a copy of the

revised.

MR. TOURVILLE: Thank you. So the notice also certifies that on July 6th Nathan Brooks Cooley sent the notice to legislative assistants for various committees that have jurisdiction over this matter, these rules, and then Nathan on August 24th mailed the notice to ten persons who identified themselves as interested parties during the good cause exempt temporary rulemaking that preceded this proceeding about more two years ago, less than two years ago now. That is what is the purpose of today's hearing is is to replace these temporary rules with

I may have to do a little page replacement here.

THE JUDGE: That is fine.

MR. TOURVILLE: Exhibit 8 is the

comments that were received and the requests for hearing that came in during the comment period.

minority members of the committees having jurisdiction over legislative policy and budget that are pertinent to these rules. The letter notified the legislators that the dual notice, a SONAR and proposed rules were on MPCA's public notices web page and provided them with the electronic URL address to the web page.

And Exhibit 11 I believe is the final exhibit, and that is the evidence of consultation with the Minnesota Management & Budget, which is required by statute, so MPCA submitted a request on May 25, 2012 to Katharine Barondeau, an executive budget officer at Minnesota Management & Budget, regarding consultation on the fiscal impact and fiscal benefits of the proposed rules on local units of government; and then there is a copy of the letter that was received from Minnesota Management & Budget on August 21st from Michelle Mitchell, the Executive Budget Officer, and I quote from her letter, she stated that MPCA "has adequately analyzed and presented the potential costs and benefits of the proposed rule changes, and that the changes will have minimal fiscal impact on local units of government."

Although there are a few other tabs in this binder, there is nothing at tabs 12 through 15, and that concludes the jurisdictional documents. As I

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say, I will change the pages here and get the right certificate in for Exhibit 7, but I would like to introduce those into evidence for this proceeding.

THE JUDGE: Okay. Thank you. They are received. As I indicated in my remarks, I guess I am going to have it placed over here at the table so that folks who wish to look at any of those documents may do so.

MR. TOURVILLE: And I have nothing further, Your Honor.

THE JUDGE: Thank you. MR. TOURVILLE: Unless you have something else, I could introduce Ms. Conti, and she can make MPCA's presentation.

THE JUDGE: Okay. Thank you. You

may proceed.

State your full name, Ms. Conti, for the record, and spell your last name for us.

MS. CONTI: Judge Cervantes and interested parties, my name is Barbara Jean Conti. My last name is spelled C-O-N-T-I. I am the technical lead for MPCA's greenhouse gas permit rules.

Today I will provide an overview of the MPCA's goals for the proposed rules, background information including the need for this rulemaking,

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I would like to provide some background information about the proposed rules. The Federal Clean Air Act regulates sources of air emissions. The Federal EPA implements Clean Air Act Requirements through its rules. Recent EPA rules added greenhouse gases to the pollutants covered by air permits. The new EPA rules are referred to as the Tailoring Rule because they tailor the existing major source permit threshold for greenhouse gases.

EPA recognized that greenhouse gases, such as carbon dioxide from fuel burned in heating equipment, are emitted in a much higher volume than other pollutants. The EPA therefore adjusted the threshold for greenhouse gases that trigger major source permitting.

These new Federal rules for permitting of greenhouse gases were promulgated by the EPA in May 2010, with compliance dates for permit holders of January 2, 2011 and July 1, 2011.

Because of its having a federally approved permit program, the MPCA needed to amend Minnesota rules to implement these Federal regulations. The MPCA must include greenhouse gases in its air quality permits for consistency with the national air permit rules and to retain EPA approval of our air permit

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and the main elements of the proposed rules.

The MPCA's goals for this rulemaking are as follows: The State of Minnesota administers its air operating permit program under the approval of the Federal Environmental Protection Agency or EPA. The EPA passed new permit rules for greenhouse gases. By adopting EPA's requirements in this proposed rulemaking, the MPCA will maintain its authority to administer its air operating permit program. If Minnesota fails to adopt the proposed permanent rules, the EPA could disapprove Minnesota's air operating permit program.

That would result in the EPA taking on Minnesota's permitting of greenhouse gases and applying Federal rules equivalent to those proposed by the MPCA. The EPA's involvement would result in additional delays and related costs for permit holders.

Additionally, by adopting these rules the MPCA keeps its air permit program consistent with the Federal rules and other states.

The MPCA proposes to adopt several housekeeping changes to other portions of the permit rules since the rules are already open to address permitting of greenhouse gases.

program.

Because of the short timeframe allowed in EPA's rules for permit holders to comply with the new requirements, there was not enough time for the MPCA to undertake rulemaking using the standard administrative process. Therefore, the MPCA proposed rules in 2010 under the exempt rulemaking process in Minnesota Statutes Section 14.388. The Good Cause Exemption allows agencies to use a compressed rulemaking process when necessary to comply with the requirements in Federal law. Rules enacted under that operation expire after two years. The MPCA's temporary rules were effective on January 24, 2011 and will expire on January 24, 2013.

Although the temporary rules will expire, the need for these rules remains. Now the MPCA has proposed making those rules permanent using the standard rulemaking processes.

The proposed permanent rules incorporate the EPA's permit applicability threshold for major sources of greenhouse glasses, which is 100,000 tons per year of carbon dioxide equivalent. This higher threshold is proposed because greenhouse gases, while not previously regulated by EPA as emissions of concern, are emitted in a much higher volume than the

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pollutants that were previously regulated.

The EPA estimates that this higher threshold will allow states to cover about 2/3 of greenhouse gas emissions naturally from stationary sources. This new threshold does not eliminate the existing major source threshold for previously regulated emissions of concern of 100 tons per year.

Without a different threshold for greenhouse gases. Minnesota would be obligated to use the existing permit threshold of 100 tons per year. In that case the MPCA would need to permit an estimated 120,000 small sources as major sources. Major sources are typically businesses such as power plants or larger manufacturing facilities.

Smaller sources that might become major sources in the absence of these proposed rules including many residences, schools and small businesses. For example, we estimated that the heating system for a building with about 3.300 square feet, which could be a single or multifamily residence, could emit more than 100 tons per year of carbon dioxide and require a major source permit unless the MPCA adopts the proposed greenhouse gas permit threshold.

In addition to the proposed permit threshold,

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state-level permits. These provisions allow sources with lower actual emissions to retain their existing permits. The proposed rules also add methods for compliance demonstration specific to greenhouse gases.

Because the MPCA was opening its air permit rules to make changes regarding the addition of greenhouse gas in permits, the MPCA took the opportunity to propose several housekeeping changes I will now describe.

The MPCA identified its intention to make minor housekeeping amendments, along with the changes to comply with the new Federal air permit thresholds for greenhouse gases that I discussed earlier, in the initial Request for Comments published on August 29, 2011. This intention was also listed in the public notice on July 9, 2012, for the comment period on the proposed rules.

The rules as proposed incorporate a Federal new source performance standard or NSPS that applies for stationary spark ignition internal combustion engines. The NSPS is a Federal requirement that all states must implement.

By adopting this standard, the MPCA can enforce the standard and provide more permit options for facilities that have this type of equipment.

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the contents of the proposed rules related to greenhouse gases include the following: Proposed rule changes to incorporate the Federal greenhouse gas regulations include new definitions such as what specific greenhouse gas compounds are included for permit purposes, the definition of carbon dioxide equivalent, and the definition of subject to regulation.

The MPCA also proposed to adopt the EPA's temporary deferral of biogenic carbon dioxide from the calculation of potential air emissions for permit applicability. Based on comments the EPA received and a petition on the subject, the EPA decided to conduct further analysis of permitting requirements for biogenic carbon dioxide emissions.

Consequentially, the EPA decided to defer including biogenic carbon dioxide emissions in permitting while it studied the question further. Minnesota expects to include biogenic carbon dioxide in the calculation for permit applicability when it is required by the Federal rules.

In addition to incorporating required elements of the Federal greenhouse gas permit regulations, the MPCA proposes to modify portions of its rules and add thresholds for greenhouse gases and

The rules as proposed clarify in a number of subparts that owners and operators of stationary sources are subject to the permit application requirements. The proposal does not alter the effect of existing rules, but only clarifies who must apply when an air permit application is required.

The owner and operator obligation already existed in Minnesota Rules Parts 7007.0500, Subpart 2. The alternative to clarifying that owners and operators are subject to the permit application rules is to retain the existing rule language. The existing rules resulted in a few instances of confusion for permit applicants which would be resolved with the clarification in the proposed rules.

We note that subparts related to compliance demonstrations such as monitoring, testing, reporting and recordkeeping are unchanged. Either the owner or the operator may undertake those actions.

The proposed rule changes are a result of the MPCA's working with the Minnesota Office of the Revisor of Statutes on how best to make this clarification.

The rules as proposed modify the procedures governing minor permit amendments in Part 7007.1450. These proposed revisions address triggers such as

changes to permit conditions that do not fall under administrative or major permit amendments. The MPCA received comments during the public

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notice that the time period for submitting a new permit application as proposed, 30 days, was too short and therefore was impractical for permittees to meet.

After deliberations, the MPCA intends to revise this timeframe in the final rules from 30 days to 120 days to be consistent with a similar Federal regulation.

This is the only changes that the MPCA plans to make to its rules as proposed, and believes that providing an additional 90 days to submit a new permit application is reasonable, is within the originally-proposed scope of these rules, and does not substantially change the general intent or effect of the proposed rules.

The rules as proposed rewrite part 7007.0150, Permit Required, Subpart 1, Item A to be consistent with Minnesota Statutes Section 116.081 on that same subject.

The rules as proposed allow name changes for general permits and registration permits to be made with an administrative permanent amendment, the least burdensome permit amendment process.

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make a comment today, and we will start with that

MR. COOLEY: Can we submit what

Barbara Conti just read as part of the record?

THE JUDGE: Oh, sure. Let's call

this Exhibit 1, it's the remarks from Ms. Conti. I have marked it as Exhibit 1 and received.

Okay. Alan Muller. Is that you, Mr. Muller?

MR. MULLER: That is me, Your Honor,

the guy who came in late.

THE JUDGE: You don't need to move too far then, do you, you're right at the microphone to your area there. Why don't you state your full name for us and spell it.

MR. MUELLER: My name is Alan Muller, A-L-A-N, M-U-L-L-E-R, and I live at 1110 West Avenue in Red Wing, Minnesota.

THE JUDGE: Are you associated with

19 any organization?

> MR. MUELLER: I am speaking for myself only this afternoon.

THE JUDGE: Okay. Thank you. You

23 may proceed.

> MR. MUELLER: I would like to begin with some questions, and perhaps Ms. Conti is the most

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The rules as proposed rewrite parts 7007.1110, Registration Permit General Requirements. Subpart 11a. This part describes when a new regulatory requirement affects a facility's permit type. The proposed wording is intended to be clear about the timing of notifications and permit applications.

The proposed rules also add similar language for capped permits under Parts 7007.1142.

In summary, I've provided you with an overview of the Agency's published goals for the proposed greenhouse gas permit rulemaking, namely: Allowing the MPCA to maintain its authority to issue permits under the Federal Clean Air Act; maintaining consistency between Minnesota's rules, other states and the EPA; avoiding the need to permit thousands of small sources such as homes and small businesses; and making several housekeeping changes.

Thank you for your time and attention. I will be happy to respond to questions.

THE JUDGE: Okay. Thank you. All right. Any other presentations by the Agency before we turn it over to other presenters or commenters? Okay. Having heard none, then I guess I will retrieve the list of folks that have indicated they wish to

appropriate person to direct this question to, and I am looking at this primarily through the framework of the SONAR document, Your Honor, which seems to me the most straightforward one piece statement of what we are about today.

At Page 14 in the section additional notice,

actually it jumps over to Page 15, there is a list of presentations that were made as part of the statutory requirement for additional outreach, and I see that it says, "Presentations were made to conferences and industry groups," skipping a little bit, "the Minnesota Chamber of Commerce, the Hennepin County Bar Association, the Ethanal Work Group, the Next Generation Energy Board, legislators, other departments and representatives of the agriculture community." What I don't notice on that list is any mention of public interest groups or environmental advocacy groups, so I would like to ask you are those omissions, or did you not, in fact, reach out and present to any such groups; and, if not, why not? MS. CONTI: Judge Cervantes,

interested parties, the list of presentations that are in the SONAR were made during the temporary rule process, and those were mainly made in response to requests that the Agency received for staff to speak.

Because we were using the Good Cause Exemption process, there were not the normal public hearings or public information meetings that we might use during the standard rulemaking process.

In between the Notice of Intent to make permanent rules and the public notice, we did have an informational meeting, which was publicized on our website and through our usual methods, it was in the public notice, and that was held here at the MPCA. We did not have a very high turnout for that meeting regrettably.

MR. MUELLER: Before we continue, maybe, Barbara, you can stay here because I think we are going to be going back and forth here on a few questions. Is it appropriate to ask that those of us who are offering testimony to be placed under oath?

THE JUDGE: Normally we don't do that. This is not a court proceeding, but we presume people will be honest in their remarks.

MR. MUELLER: I am asking because I have attended many OAH hearings at which people have been placed under oath.

THE JUDGE: Well, yes, we conduct many hearings where that is the case. This is not one of those cases. Based at least on my experience, I

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question was about outreach, and it looks to me as if you reached out to the Chamber of Commerce and the ethanol industry people, but you didn't reach out to, for example, the Sierra Club or the Audubon Society or other representatives of environmental concerns, and to me that suggests a bias in your process or a bias in the way you looked at that, so I wonder if you could give us a little more information on that.

MS. CONTI: As I stated, most of the presentations listed in the SONAR were made in response to requests that the MPCA received from these organizations to speak to them about the rules. The proactive outreach that the MPCA conducted for the temporary rules were generally directed toward the facilities who would be required to make a change in their permitting or a change in their operations, and so we did a lot of outreach to permit holders through a number of different mechanisms.

Because of the short timeframe, we did not specifically reach out to all possible interested parties. The permanent rulemaking provides the opportunity for public input from additional sources.

MR. MUELLER: All right. Thank you.

Now, I have gone through the first 12 pages of the SONAR, and I circled every term that sounded like

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have not had to call people and put them under oath.

MR. MUELLER: Okay. Well, for the

record, I am requesting that we be placed under oath.

THE JUDGE: Well, all right, please

rise, Ms. Conti.

BARBARA JEAN CONTI.

the Witness in the above-entitled matter after having first duly sworn testifies and says as follows:

THE JUDGE: Thank you. You may be

seated. Do you want to be put under oath as well?

MR. MUELLER: It seems only fair. I

don't want to suggest any kind of different treatment for any of the parties.

THE JUDGE: Please rise and raise

your right hand.

ALAN MULLER,

the Witness in the above-entitled matter after having first duly sworn testifies and says as follows:

THE JUDGE: Thank you. You may be

seated.

MR. MUELLER: Ms. Conti, just to come back to the question I raised, there is mention of a public informational meeting in here, but my

streamlining, regulatory relief and other such terms. Here we have avoiding, avoided, relieves, protects small sources from the requirement to obtain an air emissions permit. I went through the entire document and I wasn't able to find any references to the threat posed to Minnesota by greenhouse gas emissions.

So, again, I am asking you if this record is not suggestive of a bias that the Agency in doing this rulemaking seems to me from the record to be more concerned about protecting dischargers than protecting the people of Minnesota from the consequences of global warming. If I am missing something there, maybe you could enlighten me.

MS. CONTI: The MPCA is adopting or proposing to adopt these rules to comply with Federal regulations that greenhouse gas emissions be included in air permits.

As I stated in my testimony, based on our understanding of the emissions, approximately 67 percent of emissions from stationary sources, which are buildings like factories and power plants, would be covered by the permitting regulation.

The permit regulation did not specifically require from US EPA reductions. It requires greenhouse gases to be included in permit

applications, and EPA also requires greenhouse gases to be reported to them.

I understand the concern that greenhouse gases have a negative effect on the environment, but the purpose of this rulemaking was to implement one component of EPA's overall strategy to address greenhouse gases, which is just the permit accounting

THE JUDGE: I would like clarification as well, did you indicate, Ms. Conti, in your initial remarks that greenhouse gases were not being regulated prior to this rulemaking process?

MS. CONTI: Judge Cervantes, the regulation of greenhouse gases for stationary sources like factories and power plants is a relatively new development. In 2007 the State of Massachusetts won a Supreme Court case to say that greenhouses gases were a pollutant of concern relative to mobile sources, cars and trucks. That triggered a chain of events that led to EPA eventually proposing rules for stationary sources. So the EPA regulations in 2010 were the first time that they addressed greenhouse gases in permitting.

The year before they had passed a regulation requiring facilities to report greenhouse gas

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emissions have yet a different term, and they're called area sources where they might not receive an individual permit, but there might be a number of them in an area. An example of that would be, for instance, a dry cleaner.

MR. MUELLER: Thank you. Ms. Conti, the SONAR says that estimates, I don't know the source of the information, and perhaps you can provide it. you have estimated that 120,000 sources would be required to get permits if the limit isn't raised from 100 tons to 100,000 tons. Am I reading that

THE JUDGE: Thank you. Mr. Muller.

correctly?

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MS. CONTI: That is the estimate that we are using. The information comes from the US EPA's regulatory impact analysis. EPA provides numbers for the national level, and Minnesota generally uses a 2 percent of the national threshold for our estimates. We have approximately 2 percent of the population, and so it's not an exact number, but it's one that has some precedent in looking at costs and numbers of affected facilities.

MR. MUELLER: Okay. Now, EPA has a program in which it requires the reporting of greenhouse gas emission sources of greater than 25.000

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emissions to them.

And subsequently they have also passed other regulations that are more specific to individual types of control equipment to limit the amount of greenhouse gases, and those are called new source performance standards. Those were promulgated so recently that we were not able to incorporate those new source performance standards into this rulemaking like we did with the engine standard, that would be something the MPCA will do in the future.

THE JUDGE: So that is for another

day then?

MS. CONTI: Yes.

THE JUDGE: When you talk about stationary producers of greenhouse gases, give me an example of what that might be.

MS. CONTI: A stationary source, EPA differentiates between mobile sources like cars and trucks or off-road construction equipment and stationary sources, which are things like that stay put like a factory or a power plant or this building, for example.

In general when we talk about stationary sources we generally mean sources with higher levels of air emissions. Sources with small amounts of air

tons carbon dioxide equivalent, and I took a look at the page for Minnesota, and what I thought I saw was 132 sources were reported for the State of Minnesota, and a number of them were reporting amounts less than 25,000, for whatever reason they chose to report, so I subtracted them, and I came up with 114 sources discharging 25.000 tons or more. Out of that I came up with -- and I will submit this information as exhibits. Your Honor, if that would be helpful.

THE JUDGE: That is fine. MR. MUELLER: -- 46 sources

discharging more than 100,000 tons. So it would appear that of the 120,000 sources that you're estimating in Minnesota, only 46 of them or roughly 46 would be captured by the rule you're proposing, but I think I heard you say that 67 percent of the stationary source emissions would need to be permitted under this rule, did I here that correctly?

MS. CONTI: US EPA estimated that under the promulgated tailoring rule, the Federal rule, that 67 percent of emissions nationally would be covered by permits.

MR. MUELLER: Well, I am having trouble with the idea that 46 of these sources out of 120.000 would be accounting for 67 percent of the

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stationary source emissions in Minnesota. Even granting that some of these are relatively large, it seems like a counter-intuitive, kind of unbelievable number; and if you could provide any further documentation of that, that might give some of us some comfort that the rule you're proposing is adequate. MS. CONTI: The purpose of the rule is to implement the Federal threshold in Minnesota. The US EPA actually proposed the permit rule with a threshold of 25,000 tons per year. The US EPA received over 400,000 comments on their rule, and their final rule was promulgated with a threshold of 100,000 tons per year.

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I did not go through Minnesota's list of reporters and add up the emissions to see what the percentage was of large emitters. We have done some estimates for smaller sources, and a relatively small building, a restaurant, a small business would need to be permitted as a Federal major source without this proposed rule change.

And time and resources to accomplish that goal would be high. The MPCA believes it's reasonable at this point in time to simply incorporate the Federal permit threshold.

MR. MUELLER: Well, I would repeat

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The statute is a stand-alone requirement that companies must adhere to. The MPCA was not required to enact rules to enable that program to move forward. The utility companies in Minnesota are already taking actions to meet the requirements of the statute.

MR. MUELLER: So are you saying that the MPCA doesn't consider that it is under any obligation to adopt rules and regulations that are consistent with this statute calling for further reduction in greenhouse gas emissions?

MS. CONTI: The legislation does not require the MPCA to adopt rules to enact this statutory for requirement. It is effective as a State law.

MR. MUELLER: Okay. And is the MPCA involved in any way in the implementation of that statute?

MS. CONTI: I would like to refer that question to my manager, Frank Kohlasch, he is active on a committee with the Department of Commerce and the Public Utilities Commission on that subject.

THE JUDGE: Good afternoon. Could you please state your full name, and spell you last name for me.

MR. KOHLASCH: Thank you, Your

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my request, if you could provide some documentation, that would be helpful.

Now, I don't want to do a lot of talking now about the nature of climate change and the cause of it and the threat that it poses to the State of Minnesota mainly because I think there is some other people in the room who are prepared to do that, but I would like to make reference to the Minnesota New Generation Energy Act that was passed in 2007, I believe with strong bipartisan support. It calls for cutting the State's greenhouse gas emissions to 15 percent below 2005 base levels by 2015, 30 percent by 2025, and 80 percent by 2050.

I am wondering if you can explain to us if you evaluated your rule for consistency with that law and how I can understand increasing the permitting breakpoint by 1,000 times is consistent with this statutory requirement to reduce greenhouse gas emissions.

MS. CONTI: I would first like to respond to your question or your comment about the background information. There is a link at the end of the SONAR, if you go to the website, to the EPA's regulatory impact analysis, which is where some of the supporting information in the SONAR came from.

Honor. Name is Frank Kohlasch, spell that K-O-H-L-A-S-C-H, I am Manager of the Air Assessment Section for the Minnesota Pollution Control Agency, which is responsible for this rulemaking before you. and also responsible for parts of the Agency's implementation of greenhouse gas reductions in the State.

I would like to make one clarification to the discussion about the Next Generation Energy Act. defined in Minnesota Statutes 216H.01 and .02 is where the goals are stated, and I want to emphasize that these were established by the Legislature as emission reduction goals.

There were, as Barbara stated, there were no specific requirements of the Pollution Control Agency or the Department of Commerce to implement specific actions or rules under this statute. What was required under the Next Generation Energy Act by the Legislature were two primary actions.

One was to convene a stakeholder group to establish potential greenhouse gas reduction actions that the State could take. The Pollution Control Agency and the Minnesota Department of Commerce completed that activity, which was known as the Minnesota Climate Change Action Group, MCCAG. In 2008

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it established a list or a menu of potential reductions and actions that the State could take if implemented policy was decided by the Legislature in order to achieve these goals.

Secondly, the two agencies were required to submit reports to the Legislature on an annual basis to identify legislative policies that could be enacted by the Legislature to reduce greenhouse gases in Minnesota and achieve these goals. Both agencies have met that legislative reporting requirement each year.

The Pollution Control Agency and the Department of Commerce are also required every two years to report on Minnesota's actual greenhouse gas emission estimates and our progress to those goals.

There are other requirements within the Next Generation Energy Act that require power facilities or electric generating units in Minnesota to undertake certain actions or seek certain remedies through the Public Utilities Commission before they can make certain decisions on adding, for example, coal plants in Minnesota, and those are being implemented by the Department of Commerce and the Public Utilities Commission.

MR. MUELLER: I am happy to continue the dialogue with Mr. Kohlasch rather than Ms. Conti.

if you can't show that, the regulation on its face is not ready to be adopted.

MR. KOHLASCH: Your Honor, the Pollution Control Agency views this rulemaking again in the narrow scope that it has been presented with, and that is to maintain the Agency's authority to issue permits under the Clean Air Act and bring our air permitting rules in compliance with the Federal requirements to regulate greenhouse gases at a threshold above 100,000 tons per year.

Regarding the question about regulatory relief discussion, that is a prominent part of the discussion and the purpose for these rules both at the Federal level and at the State level. The resources that were required by the State to permit facilities at the 100 ton per year threshold now would be unworkable, and the EPA recognized that same fact when they developed their Federal rule that now applies to the State of Minnesota.

Looking at the Next Generation Energy Act, again, there is nothing within the Next Generation Energy Act that is requiring the Agency to take affirmative action on its permitting program for greenhouse gases.

The Next Generation Energy Act sets out a

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THE JUDGE: You may proceed.

MR. MUELLER: I appreciate the information you just gave us, but I think we're here today to look at the consistency of the proposed regulation with Minnesota public policies, and it does appear to me on the face of things that the proposed

regulation with Minnesota public policies, and it does appear to me on the face of things that the proposed rule is not consistent with the New Generation Energy Act wherever other nice things might be happening under the rubric of that statute.

But maybe you could talk a little bit about -- I mean let me back up a little bit. On Page 11 of the SONAR at Item 6, the second paragraph it's stated, "The new permit threshold for GHGs, greenhouse gases, is intended to offer regulatory relief to small sources." And as I mentioned before, I think the notion of regulatory relief is pervasive here, but what is absent to me is any demonstration in the SONAR that this regulation is consistent with the State's established public policy goals of controlling climate change.

Perhaps you could talk a little bit about that question, how you determine that this proposed regulation is consistent with those goals, how this regulation will contribute to the abatement of greenhouse gas emissions in Minnesota because I think

cooperative effort between the Pollution Control Agency and the Department of Commerce to identify activities that the State can take and primarily that the Legislature can pass in order to achieve the reductions set forth in Minnesota Statutes 216H.02, the Next Generation Energy Act.

It also recognizes the role of both the Department of Commerce and the Minnesota Pollution Control Agency in the Renewable Energy Act and the renewable energy standards that the State has placed.

The question about does the Pollution Control Agency see this rule as being consistent with the Next Generation Energy Act, we do see that this action is consistent with the role of the Next Generation Energy Act because the Pollution Control Agency needs to maintain its permitting authority under the Clean Air Act, and these rules will enforce that.

There has been at the Legislature for the amendments to the Next Generation Energy Act much discussion about how much of the regulations that are happening at the Federal level and that would flow down to the State level would impact smaller sources, and we believe that this type of rulemaking is consistent with those discussions that would seek to ensure that the Pollution Control Agency regulates

greenhouse gases as appropriately under the Clean Air Act, but does not unduly burden smaller sources for the permitting purposes, and does not create a permitting system in Minnesota that would be greatly inconsistent with Federal guidelines and with other states.

MR. MUELLER: Okay. Would you agree that in general the legal situation of Minnesota with regard to Federal regulations is that the State can adopt stricter standards than Federal regulations require, but not less strict standards?

MR. KOHLASCH: Your Honor, that is correct. The State may adopt more stringent regulations than the EPA would establish, but we cannot establish less stringent regulations than the EPA would require and still maintain our ability to perform our delegated actions.

MR. MUELLER: Okay, thank you. Then, in fact, contrary to some of what is in the SONAR and contrary to some of the testimony, the State does not have to adopt the 100,000 ton per year breakpoint to maintain its ability to do Federally delegated permitting. It only has to maintain consistency and could, in fact, adopt 25,000 tons or 200 tons or some other number if a determination was

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EPA. The primary distinction for that program would be that once EPA passes a regulation that relates to prevention of significant deterioration permitting at the Federal level, then Minnesota will automatically have those requirements placed upon it, and there would be no specific rulemaking changes required at the State level for those to be become effective.

Though in the case it often times does require State rule changes to ensure that there is consistency between State rules and the Federal requirement.

On the operating permit side being approved, the primary distinction there being that once EPA passes a regulation for those, there is slightly more time for the State to act in order to implement those Federal regulations into State regulations.

MR. MUELLER: Okay. So as I understand what you're saying and what I have read and what is in my own head, the State did not, in fact, have to do a rulemaking with regard to the prevention of the signification deterioration program because that goes into effect automatically with or without an administrative proceeding in the State of Minnesota, am I correct about that?

MR. KOHLASCH: Your Honor, no, that

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made that that was in the public interest of Minnesota. Am I right there?

MR. KOHLASCH: Your Honor, while there is opportunity for a state to be more strict, the Pollution Control Agency, and this is demonstrated in the Statement of Need and Reasonableness agreeing with the EPA, that regulating these greenhouse gases at levels below the Federal threshold would be untenable. There are not the resources to do that.

It would potentially threaten our authority under the -- from EPA because our regulations would be so far out of compliance with Federal regulations that they may consider that deficient.

MR. MUELLER: Could you -- now, there is a discussion in here of two general categories of programs, one being prevention of significant deterioration, which I understand to be a delegated program, and then the Part 70 operating permit program that is an EPA approved program. Maybe it would be useful for all concerned if you could give us a brief explanation of what that means, the differences between those two programs.

MR. KOHLASCH: Your Honor, the prevention of significant deterioration, PSD, permitting in Minnesota is a delegated authority from

is not correct. Our rules do affirmatively state permitting thresholds for the MPCA permitting program, and we do need to change those, and that is one of the reasons why we had to use the exempt rulemaking process due to the short compliance timeframes that EPA set forth in the original rule, and then why we need to replace these rules permanently with this rulemaking.

MR. MUELLER: I will address that in a follow-up item. What we're hearing here, I think where we're at is we agree that the State of Minnesota could be stricter, could adopt lower limits if it chose to do so, but it's not choosing to do so.

Now, according to what Ms. Conti has told us, if we didn't do anything and left the existing Clean Air Act breakpoints of 100 tons in place, we would be permitting 120,000 facilities. By multiplying that by 1,000 times, by going from 100 tons to 100,000 tons you're going to be permitting 46 facilities. If we left -- if we chose an intermediate value of 25,000 tons, then you would be permitting 114 facilities, permitting them with regard to carbon dioxide equivalent emissions.

There is a big difference between 120,000 and either 46 or 114, so my question is did the PCA

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evaluate any intermediate breakpoints with the burden on the Agency that would exist at different levels? Suppose we chose 1,000 tons, 5,000 tons, it would be much easier to make an informed determination that what you're proposing is the right thing if we were aware of some of the alternatives.

MS. CONTI: Your Honor, interested parties. I would like to take a step back about the level of emissions because there is confusion between what a permit threshold is and what the reporting threshold is. The permit thresholds are based on a maximum operating scenario case. A facility must assume that their piece of equipment is operating 24 hours a day, 7 days a week, 365 days a year to make their calculation of what their emissions are for whether a permit is required.

If they have a permit in place that has a Federally enforceable limit, then they can use that limitation to calculate their potential emissions.

Having a permit threshold of 100,000 tons per year does not correlate exactly to the actual emissions which is what is required to be reported. So a facility that might be reporting 1,000 tons of actual carbon dioxide emissions would most likely have a considerably higher potential to emit. It's the

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remarks. I have got eight or nine other people that want to testify here today. As I indicated at the onset in my remarks, this is not a court hearing. I have permitted some latitude for you to inquire of the witnesses as to particular questions, but you don't need to make your point by having them admit or deny questions that you ask.

You can make your points directly, so the points you have raised -- some of the points you have made so far is that you didn't believe necessarily that their outreach was as wide as you would have liked, you have questioned some of the other more technical matters as we have discussed here for almost an hour or probably an hour or so.

In fairness to the other people that want to make remarks, I am going to ask you to please make your points now, and then we will move on with the rest of the folks that wish to comment here this afternoon.

MR. MUELLER: I agree, Your Honor, I have taken up a lot of time, and it's not my intent to monopolize the hearing. It does, as a practical matter in my experience, take some -- these are highly technical issues, and it takes some time to dig into what is what, and I appreciate your allowing that

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potential to emit that governs whether a permit is required.

We've heard some numbers of facilities as far as who is reporting and at what level given today. I would like to provide some context in terms of permitted facilities. Our existing permit threshold for operating permits, this is not construction, but for ongoing operations in the existing rule was 100 tons per year.

The MPCA's permit program has approximately 2,500 active permits. Of those permits approximately 300 are major sources. The rest are permitted as State only sources or non-major sources.

So there is a certain level of permitting that we get looking at pollutants other than greenhouse gases. These are pollutants such as sulfur dioxide, particulate matter, oxides of nitrogen. They are emitted as much lower levels.

We are getting a little bit off the topic of whether the MPCA should adopt the Federal permit rule, but I thought that this would be useful background information that there is potential emissions and actual emissions.

THE JUDGE: Thank you. Mr. Muller, I am going to ask you to start summarizing your

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I have many more questions and a lot more to say about this, but I will just conclude with a few of my own thoughts. Having looked through this documentation in some detail. I believe that the permit -- the proposed -- okay, sorry. I believe that the proposed regulation is scandalously disregardful of the public interest of Minnesota and the people who live in Minnesota.

I believe that on its face this proposed regulation is all about regulatory relief. accommodating special industrial interests. However, it cannot be a secret to any educated person that climate change poses a grave threat to the people of Minnesota, to the climate of Minnesota, to the industries of Minnesota, and what we deserve from an entity called the Minnesota Pollution Control Agency is something other than what we are getting here.

Now, it's no secret that the folks running the Legislature don't like environmental regulation, they have cut the budget of the Agency, they've badgered the regulatory programs with numerous statutory provisions intending to make it more difficult for the Agency to carry out its responsibilities, as has the Governor with executive

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orders, and I sympathize with that, and I recognize that, and I think it is no secret that the MPCA air permitting program is not even pretending to keep up with the task of renewing existing permits, many of which have been expired for many years.

I could cite a number of cases in which I have said, well, when are you going to work on this permit, when are you going to assign somebody to it, and there is no answer.

So there is no doubt that the Agency has been placed in a very difficult position, and I don't want to seem antagonistic to that.

It would be very difficult for the MPCA air program to take on a high volume of additional responsibilities without additional funding, but that is not what we're here about. We're here about the health and welfare of the people of Minnesota, and this permit is not consistent with that, and I would urge you not to develop a report recommending that it be approved as proposed.

I appreciate all the time you have given me. I appreciate the patience of other people in the room. Thank you.

THE JUDGE: Thank you, Mr. Muller. As I indicated, you can make specific recommendations

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In my nervousness and unfamiliarity with this process. I actually looked up the definition of testimony. As a side note, the definition ranged from a divine decree attested in the Scriptures to an open acknowledgement. For your sake, I am going to stick with open acknowledgement.

Your Honor, the people in this room testifying in the name of global warming are not extremists or terrorists looking to spread a panic for some sick personal thrill. We are not inclined to spend our days with the emotional and psychological weight of climate change bearing down on us. But you don't have to look far to read the science or connect the dots between extreme weather and global warming, deteriorating human health and increasing concentrations of greenhouse gases, in particular carbon dioxide, political corruption at the hand of fossil fuel industries, failing economies, and increasing financial burdens of natural disasters. failing crop and ecological systems, migrating disease, the list continues, and it's not pretty.

These are not imagined predictions. This is happening in our communities and in communities around the world. Believe me, if we could set this understanding aside and continue living in a dream of

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as to what the proposed rule should be and why you feel that is the case. You will have until I believe that, and you can write to us online and we will note those comments should they come. All right. Thank

Turning to the next person on the list, that is Kate Fay. Is Kate here? Please come forward, Ms. Fay. State your full name for the record, and spell your last name for me.

it's, what did I say, the 19th of September to do

MS. FAYE: My name is Kate Faye, it's spelled F-A-Y-E. My address is 1362 Larpenteur Avenue West, Falcon Heights, Minnesota 55113. I am here on behalf of myself and also on behalf an organization called Minnesota 350.

> THE JUDGE: Thank you. MS. FAY: I am speaking to the

reasonableness of Rule Part 70.

THE JUDGE: Okay.

MS. FAY: I come today with my heart

and my mind tied together as one. I am not going to bring forth the science, the technicalities of this rule and rules of the law and all its intricacies. I am happy to leave that to others who are much smarter than I am.

endless fossil fuel resource, consumption and production and individual lifestyle choices that have been present in mainstream Minnesota, life would be much less of a burden.

The only problem with that dream is that it bursts. That dream bursts every time you walk outside and feel the unseasonably hot weather last winter, March, June, July, or recognize that the new normal is unpredictable.

It bursts every time you hear a story of a farmer who has last 90 percent of their crop, their livelihood due to flooding and hail or by drought, and, of course, the consequences of that failed crop on our pocketbooks in the form of higher food prices.

That dream bursts wide open as the concentration of carbon dioxide in the atmosphere hits new levels with no hope of it magically lowering in the next couple of centuries at best.

And that dream becomes a nightmare when we look in the eyes of our children and know in our hearts that their future and their children's future are already devastatingly bound to the choices. decisions, laws and actions that we take and don't take today.

It is not fair or unfair the weight and

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significance of each and every decision we have to make. It is purely our reality, handed to us from our forbearers.

My guestion to you and to everyone in this room is are we going to continue dreaming as we pass on even greater burdens to future generations? I am not willing. It is our time to embrace the weight, the knowledge we have, the fear, the vision and use it to match the magnitude of climate crisis in every decision that we make.

And the most important decision in this moment, in this room with these people and the information we have at hand all comes down to a single question. By adopting permanent rules implementing Federal air permit thresholds for greenhouse gases will we adequately and sufficiently address global warming, or will it be a step backward for what the State of Minnesota needs to be doing to give humanity a chance?

If it will, then let's move it forward. But if it won't, I ask that we keep in mind the true cost of this decision to our children, our communities, all other living species that we depend upon and share a home with, the planet. This is reality. This is an open acknowledgement of the burden and weight of the

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like a street address or a PO box?

THE JUDGE: However you want to

identify it.

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MR. PENTEL: My main address is PO Box 3872, Minneapolis Minnesota 55403. I am the founder and director of the Ecology Democracy Network. and I am here today for many reasons, but obviously we're focused on establishing a rule, a permanent rule, but I would like to just go over real guickly some of the concerns associated with the issue at hand, which is that we're at a very rapid rate of global warming on earth, which is triggering a variety of chaotic climate events on the plant which have been monitored regularly.

I refer to an article by Dr. James Hanson and a variety of other writers from the Goddard Institute for Space Studies, and the Earth Institute, and the University of California in Santa Barbara. They -this is a 2006 article, but it's based upon research that had been going on since the early 1980s, so we have had trends, and it shows a trend associated with the rate of global warming on earth.

So we are dealing with a rate that is moving at such a pace that we are having a hard time capturing and defining the condition. It's going very

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decision, Your Honor, nothing less.

Thank you, Your Honor, for your consideration of this question.

THE JUDGE: Thank you. I see you have got prepared remarks. Would you like to have those submitted as part of the record?

MS. FAY: Yes.

THE JUDGE: I misspoke earlier because Exhibits 1 through whatever came in before.

MR. COOLEY: 11.

THE JUDGE: I am going to take the comments as Exhibit A through whatever we receive, so I am going to adjust that first comment and call that Exhibit A, and then we will mark yours, Ms. Faye, as Exhibit B.

MR. COOLEY: I have that prepared

for you.

Okay.

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THE JUDGE: Real good. Thank you. Thank you. Exhibit B has been marked and received.

Turning to the next commenter, Mr. Ken Pentel. Welcome. State your full name, spell your last name for us.

this hearing. My name is Ken Pentel, and would you

MR. PENTEL: Thank you for having

fast.

So our response has to be I believe measured to the situation. I do not believe what is being asked here today by the Minnesota Pollution Control Agency is a measured response to the velocity of global warming.

If you look at an article by Eugene Robinson from the Washington Post that came out July 4th of this year, he identifies a National Oceanographic and Atmospheric Administration saying this past winter was the fourth warmest on record in the United States. Metrologists have defined the months of March, April and May was the warmest since recordkeeping began in 1895.

NASA-Goddard Institute for Space Studies. which monitors global surface temperatures, reports that nine of the warmest ten years on record have occurred since 2000, and the warmest year of all was 2010

So we're at a very high pace. This is about trends. It's not about if it's hot or cold today or hot or cold tomorrow. This is about trends we're dealing with, and it's happening at a very rapid rate.

We can look at a variety of facilities in Minnesota. One of the things is that when we

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determine the cost factors, the pricing or the cost factors per kilowatt hours let's say, for example, for coal or oil as we are determining this discussion, one of the things that seemingly gets lost in this discussion is that we are inaccurately assessing the price of these fossil fuels. We are not taking into account the whole costs. We are tolerating externalise.

So we do not take into account the whole cost of mountaintop removal and the impacts associated with the non-human world and tailings that are left behind.

We are not taking into account the human health costs as well. There was recently a report by Integrity Project, a report that examines coal costs that came out June of this year, they say the social -- suggests that the US coal plants, their social costs as a result of premature deaths exceeds the value of the electricity they generate.

So once again we are in a diminishing return right now with our fossil fuel dependency at a variety of levels, not only the atmospheric impacts of global warming happening at a rate that we cannot capture right now or define and know the impacts of, but also the inaccuracies of the pricing of these fossil fuels.

If you look at, for example, in Ohio, the

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From 100 tons per year to 100,000 tons per year, that is not consistent with the objectives put forward.

And when we talk about established --Minnesota deviating from the Federal rules, there are numerous examples of the State of Minnesota deviating from Federal rules. If we look, for example, at Northern Metals in Minneapolis, Northern Metals is permitted by the State of Minnesota. There is no Federal permitting. Minnesota took the initiative and we are going to permit this facility.

If we look at the mercury rules here in the State of Minnesota, we established stricter mercury rules than the Federal government. If I could quote at that time Governor Tim Pawlenty, the republican governor said that, "The goal the Federal government has set is too low and too slow." And I would agree with that in pertaining to this discussion. Global warming is happening at such a rate that the Federal government is not responding in a measured way, and that must be dealt with in an honest assessment, in my opinion.

As we have talked about in the Next Generation Energy Act, very strict rules have been set in the Next Generation Energy Act. We have shown as a state that we are going to not allow any large fossil

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mining issues, the costs associate with federal fees and state severance tax obtained from mining coal in Ohio is estimated at 32 million and 5 million. This leaves a deficit of 512 million for reclamation of all abandoned coal mines.

So if we are going to start managing the issue, we need to have an accurate accounting of the whole cost of this because that has been brought up. and that is used as an argument by the industry and by the regulatory agencies is the impacts on communities and jobs and so on.

So when we read last year the Administrative Law Judge had a hearing, the Environmental Quality Board was taking on a temporary rule associated with this discussion, now we are talking about the permanent rule, in the temporary rule the Minnesota law requires assurances that the proposed rules are necessary and reasonable and that any modification that the Agency made after the proposed rule is initially published do not result in the rules being substantially different from the Agency -- from what the Agency originally published.

We're seeing a dramatic, this is a substantially different shift from where we were to where we're going in this discussion, substantially.

fuel power plants built in Minnesota in this law. No Minnesota utility can purchase electricity from an out-state utility 50 megawatts or more. No utility can import electricity from large fossil fuel power plants. I mean we have shown patterns that we will set stricter rules as a state.

We can look at states like California, for example, has set stricter rules for auto emissions. So it's not unprecedented to deviate from the Federal rules and create stricter rules as a state as guidance, and we could go on and on associated with

The other thing that I found somewhat disturbing, and there is much to talk about, the Minnesota Environmental Policy Act once again calls for an establishment of let's say, for example, preventing and eliminating threats to the biological condition in human health. This is a guide for the State and for the Minnesota Pollution Control agency.

So what I would like to talk about just real quickly as well is we could look at let's say, for example, the Silver Lake Power Plant in Rochester. Minnesota. The Silver Lake as of 2010, the greenhouse gas emissions of that facility were 98,715 tons, just short of the 100,000 ton limit. As I have talked

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today.

about, one, we cannot measure the velocity and/or the impacts of what we're doing to the atmosphere. Right now it seemingly is a guessing game by everyone on earth. We are just loading the atmosphere, we are adding it from point sources and non-point sources: but if we take into account whole costs associated with this, what we are looking at is from this facility alone it's what is attributed, according to the Clean Energy Task Force out of a report Find Your Risk From Power Plant Pollution, they attribute this facility to 15 deaths per year, which is \$110 million; heart attacks, 23; asthma attacks, 250; hospital admissions, 10; chronic bronchitis, 9; asthma and ER visits, 16.

So there are once again these costs are not in the bottom line of the sources that are contributing to greenhouse impacts, but also the human health impacts that are not attributed.

But I would like to conclude. I would like to say, I know I've got a lot to say, I wanted to mention that we've got so many things to talk about, but I -we're here today because of at a minimum shortcomings in our ability to now analyze the problem many decades ago. We are here today because of shortcomings in the enforcement agencies. We're not here today because of

parts per million and parts per billion associated with global warming, that we should be not worrying about if it's 25,000 tons per year, 10,000 tons per year. We should be strict. We should have a zero tolerance of greenhouse gas emissions in the State of Minnesota. That should be our goal because we are so out of balance right now, and we are so conditioned to accept the norm of emissions at this rate, that is one of the biggest problems we're facing right now, and so I ask of you, Judge, to consider what patterns have brought us here and how do we reverse course guickly.

Here in Minnesota we have an opportunity to do this, and I won't even get into the deficiencies and renewing permits and all of that, that is neglect, neglect, neglect, and the people who are advancing information to take us from 100 tons per year to 100,000 tons per year should be highly guestioned, and we should be skeptical of the information they are presenting to us because what has brought us here today is failure, not success, failure, and that is why I really call on you to assess this situation with a clear head. Thank you very much, sir.

THE JUDGE: Okay. Thank you. Okay.

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Next on the list is Shawn Gosiewski, is that right?

UNIDENTIFIED MAN: I think he's out

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1 of the room at the moment.

> THE JUDGE: We can call him later. Actually, we have been going for about an hour and 45 minutes, and I normally like to give my court reporter

a few minutes of a break, so I think we will do that at this time before I call the next commentator.

Thank you. Why don't we take ten minutes and come back at five minutes after 4:00.

> (At this time a recess was taken from 3:55 p.m. to 4:07 p.m.)

THE JUDGE: We are going to call the meeting back order again. We had a short break here, and we are back on the record. The last person I

called was Sean --

MR. GOSIEWSKI: Oh, I'm right here. THE JUDGE: Mr. Gosiewski, please

come forward.

MR. GOSIEWSKI: Should I sit right

at the mic then?

THE JUDGE: Yes, please. MR. GOSIEWSKI: Very good. THE JUDGE: Please state your full

name and spell your last name for us.

MR. GOSIEWSKI: Sean Gosiewski,

G-O-S-I-E-W-S-K-I, with the Alliance for

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because of failure. People have failed to have a high ethical standard, they have failed to recognize this beautiful planet we live on and the impacts we are having on it, we have failed to recognize trends over the last many decades, and we have failed to hold accountable those that have manipulated and distorted our ability to make clear-headed decisions so we could have prevented this discussion we're having here

success. We're here today talking in this hearing

It's not that we should worry about having more environmental assessment worksheets. It's not that we should worry about having more environmental impact statements. That horse is out of the barn. We should be worrying about not having enough environmental assessment worksheets and enough environmental impact statements.

The people that have been given the charge of making decisions for us in this society have failed. It is time to listen to the people who have been correct for decades to prevent these problems.

So it is the inverse in many respects of what we are being asked today. People will complain it's going to be too much work. We should be moving -- we are at such a rate of overshoot in our atmosphere of

Sustainability. One of the things I am recommending is that as the Pollution Control Agency does an annual tracking of greenhouse gas levels in the State, that that be reported more publicly so that we can know in Minnesota if we are making progress or not.

I think that it's really remarkable that our state did adopt a goal of reducing carbon emissions or greenhouse gas equivalents by 80 percent by 2050, and so I am wanting to recommend additional new ways of generating public visibility for the State's goals, as well as the MCCA recommendations.

So one of the highlights I would recommend is the new environmental and energy report card that is being developed by the Environmental Quality Board through the executive order of Mark Dayton, which will be having a sub-unit of these success measures for the State that would relate to global warming issues.

So that is something that PCA is working on in cooperation with Commerce and Ag to work on these slate of success measures related to energy environment for the State, and they will be having public feedback meetings in November and December, and then a bigger State Congress in February, so that would be a good chance to try to ensure that the public is more aware of how they can plug into

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So those are some of the areas where I would like to see more energy going because we have these recommendations but nothing is really happening, that nobody can tell anything is happening.

THE JUDGE: Okay. Thank you. I would like to clarify, you're with the Alliance of

Sustainability?

MR. GOSIEWSKI: Well, the Alliance

for Sustainability.

THE JUDGE: For Sustainability. MR. GOSIEWSKI: Our website is

AFORS.org. We were part of the initial process to generate the citizen feedback for the 28 stability indicators for the City of Minneapolis.

THE JUDGE: Okay. Thank you. MR. TOURVILLE: Your Honor.

THE JUDGE: Yes.

MR. TOURVILLE: Could we respond to

two things that Mr. Pentel mentioned?

THE JUDGE: Sure, okay.

MR. TOURVILLE: Again, I am Andrew

Tourville, the attorney representing MPCA at these proceedings. But I think there may be a little

confusion caused about this concept of departure from

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achieving this vicious goal of greenhouse gas emissions.

Another State agency I would like to have tying in with the State global warming reduction goals is the Met Council because they are right now developing a framework for 2040 for a Twin Cities regional development vision, and they are doing public feedback right now, and they will be coming up with development scenarios for the Twin Cities.

So my recommendation would be that we would have a meeting between staff at the State level with MPCA, EQB, along with folks at the Met Council and then other cities that are working on climate reduction plans like the City of Minneapolis right now is working on a Climate Action Plan, so it would be nice to see consistency between the State, the Minneapolis Climate Action Plan, the metro regional vision and plan, and then the State's success measures that are being tracked through the Environmental Coordinating Board.

And then, finally, I would like to see the Environmental Coordinating Board be given more power so that it can actually mobilize State agencies that report to the EQB to actually implement the recommendations that were developed through the MCCA

the rule. Because what MPCA is proposing in this proceeding is to adopt the provisions of the temporary rule that has been in effect for two years and will expire, and the permanent rules are needed in order to continue the working of what has been adopted through the temporary rule.

The concept of substantial departure in rulemaking has to do with whether the outcome of the rules is substantially different from what was noticed, and the notice was to replace the temporary rules with the permanent rules.

So I think we got confused on what a substantial departure is, and the temporary rules I believe have adopted a 100,000 tons per year threshold that came from EPA, and so there is on that score there is not a substantial departure from the temporary rules to the permanent rules.

What would be a substantial departure is if something that comes out of these permanent rules is inconsistent, substantially inconsistent with the notice.

So probably a little technical, but I don't want to not respond to that particular issue because that is a legal issue.

And then there was some discussion, a lot of

discussion about adopting a stricter rule. Again, the purpose of the hearing though is on whether the permanent rules are needed and reasonable. Those are the standards. Different folks can make different judgments, and will, about what the standards should be, but this standard is based on EPA's standard, and MPCA would contend that that is a reasonable standard, and the rules are needed because as EPA's -- as MPCA's presentation has been, MPCA believes that there would be many more permits required from emitters if the EPA standard is not adopted because of the nature of greenhouse gases. So I just want to add that.

THE JUDGE: Okay. Thank you.

THE JUDGE: Okay. Thank yo Mr. Pentel, I am going to call you on at the end of the hearing just in deference to the other folks that haven't had a chance to make a comment.

All right. Next up is Kurt Kimber. State your full name for the record, spell your first and last name for us.

MR. KIMBER: I am Kurt Kimber, K-I-M-B-E-R, 4811 - 35th Avenue South, Minneapolis. I am here as a private citizen, and I am also a volunteer with Minnesota 350.

THE JUDGE: Okay. Thank you. MR. KIMBER: So I just want to start

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facilitated in conjunction with the Minnesota
Pollution Control Agency, I believe that has been
mentioned earlier this afternoon. A couple things
that came out of that was to review approval of an
inventory of historical and forecasted greenhouse gas
emissions in Minnesota and as a basis against which to
gauge priorities and progress.

Then there was a recommendation of cross-cutting issues, policy recommendations, Policy Number CC-1, greenhouse gas inventories, forecasting, reporting and registering, that was the recommendation, and that was unanimously supported by this group.

So I think those two points would be consistent with a lower threshold of greenhouse -- a lower threshold for potential to emit greenhouse gases as part of, you know, building this registry and tracking these things.

Okay. And then I believe you said that there was three things that you were going to consider, and one of them was showing the need for this change, and I would like to just stop and acknowledge and thank the staff, the PCA staff for answering these questions at the hearing today.

And I think what I am hearing the Agency

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out with making the case for the urgency about dealing with greenhouse gases. Probably a lot of people in this room know that the globe is warming most at the poles. We have got record low sea ice today. I think probably most people in this room are going to witness the day that we have an ice-free Artic.

There is scientists that have estimated the amount of carbon that is sequestered in the permafrost in, you know, the Northern Hemisphere, and that amount of carbon has been estimated to be two and a half times the amount of carbon that is in the atmosphere right at this moment.

So the danger, the fear, the reality is that we are on the cusp of runaway climate change, and there is a tipping point that once CO2 levels get to a certain point it doesn't matter if we permit everything in the world, whatever people do is going to be just crushed by nature's response, and so there is urgency to this work, that's why I am here today.

Several people have already made the point about the inconsistency of adopting the -- basically increasing the threshold permitting limits by 1,000 times in juxtaposition to the Next Generation Energy Act. As part of the Next Generation Energy Act, the Minnesota Climate Change Advisory Group was

propose is that they have basically two choices, they can either accept the Federal EPA limits of 100,000 tons or go back to 100 tons per year and then have to permit 130,000, approximately 130,000 sources. I believe that it's been stated before that it's okay for the PCA to have a threshold that is lower than the EPA standard. I think that has been stated by the staff here to.

So I would propose that there is not this discotomy that is being presented, but there is the opportunity for let's say to determine what the level would be such that 99 percent of the State's sources would be captured, and set the threshold at that point. I am just going to make a guess, you know, if somewhere between 46 and 120 of the sources represent approximately 2/3 of the State's emissions, I am just going to guess that it's probably like 1,000 of them or 1,500 of the sources would cover 99 percent of the State's emissions, and so I think that would be, you know, kind of a bang for the buck and an effective, you know, response to this rule change.

Then maybe I will just -- so, again, I don't think that the -- in my take, I don't think that the Agency has shown that they need to go between these two. That there is, you know, other solutions that

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could give us, you know, very high performance for a reasonable amount of effort.

And then maybe the last thing I will say is that greenhouse gases are probably the most important thing that the Agency is going to regulate; and if we don't get our greenhouse gas emissions under control. not very many other things are going to matter. Okay. It is a privilege to be here. Thank you.

THE JUDGE: I would like to ask a follow-up question of staff, and Ms. Conti in particular, if it's appropriate. If I understand your proposal, and based on the testimony we have heard so far, the EPA is attempting to capture 67 percent of the sources, and they're doing that on a national level. If I understand your remarks, Mr. Kimber, you're saying that rather than using a national view of the sources, look at Minnesota's sources and look at a number that would reflect 67 percent of the sources in Minnesota, is that what you're saying, or correct me?

> MR. KIMBER: No, not guite. THE JUDGE: Okay.

MR. KIMBER: So let's just say if we

set the threshold at 100,000, so 100,000, so for sources that emit 100,000 tons of the CO2 equivalents

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other commenters and writers up until that September 14th date that I discussed earlier, and then at the end there will be a five-day working period in which anyone and everyone can comment on the most recent submissions up to September 14th. So just so the folks know how this is going to play out, and so there will be a final rebuttal period that is going to end on September 26th.

To extent that the Agency is prepared to address that now, they may do so, otherwise we will see how it plays out in writing, whatever.

MS. CONTI: Your Honor, I would make two clarifications. The first clarification is again regarding the issue of what the permit threshold is base on. As I mentioned earlier, it's based on a worst case emissions scenario. So under this worst case emissions scenario is where we get that high number of possible permits that may need to be issued.

The emissions inventory, which is the information that Mr. Muller had presented, are facilities' actual emissions. So that it may be true that a relatively small number of facilities have actual emissions above, for example, 25,000 tons per year, the larger number of facilities would have potential emissions, this worst case scenario, at the

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annually or have the potential to emit that, if we set the threshold at that, then we capture probably 67 percent of the CO2 generated by stationary sources.

THE JUDGE: Okav.

MR. KIMBER: Now let's say we drop

it down to 50,000 tons, now we capture let's say 80 percent of the stationary sources. And then I think that the Agency could do a determination where they could find the number that would represent that would capture 99 percent of the sources, the sources responsible for 99 percent of the emissions in the State. I am just going to guess that that number is going to be, you know, somewhere around 1,000. Not 130,000, you know, 1,000.

If they are permitting, you know, somewhere around 100 now, you know, I think that might be a reasonable thing to do.

THE JUDGE: All right. Thank you for that clarification. Did you have a response, Ms. Conti, to that at this point? I know that the Agency is going to have a response -- excuse me, an opportunity to respond to a lot of the issues and proposals that folks are raising today, and so they can do that in writing in that initial period that we discussed. Then there is going to be another wave by

higher level, and that is what the permitting decision would be based on.

We can estimate emissions for different scenarios, but without a facility giving us information about their equipment, it would be very difficult to have a more refined estimate.

THE JUDGE: So basically we're talking about apples and oranges, right, there is two standards? One are the actuals that people report pursuant to law, and then the standards that we're talking about today are the worst case scenario standards, and if they ran at 365 days a year at full capacity 24/7, this is the potential that they would run up to; is that correct?

> MS. CONTI: That is correct. THE JUDGE: Okay.

MS. CONTI: As I mentioned earlier,

the US EPA did start out with a lower permit threshold in their proposed national rules. The final rules they presented a higher threshold, and that is what most states and local units of government are implementing. There are a few states who have not been able to or do not agree to implement the Federal rules, and in those cases US EPA is administering those greenhouse gas permits.

85 THE JUDGE: Okay. Thank you for 1 2 that clarification. Mr. Kimber, anything further? MR. KIMBER: Yes, thank you, for 3 4 that opportunity, but, again, the Minnesota Pollution 5 Control Agency has I believe the ability to choose to 6 set the threshold at a lower level, and I would say 7 that that would be a reasonable thing to do. We 8 talked about reasonableness, so I don't think the 9 Agency has shown the need to adopt the Federal standards of 100,000 tons per year, and I think it 10 11 would be reasonable to choose a lower threshold that 12 would capture -- in an efficient manner it would 13 capture, you know, 99 percent of the State's emitters. 14 and I would ask the Agency to consider that. 15 THE JUDGE: Okav. 16 MR. KIMBER: I would ask you to 17 consider that in your report. 18 THE JUDGE: Thank you. 19 MR. KIMBER: Thank you. 20 THE JUDGE: Okay. The next person 21 is Jessica Tatro. 22 UNIDENTIFIED MAN: She had to leave, 23 so she won't be testifying. 24 THE JUDGE: She is aware that she 25 could submit something in writing then? KIRBY A. KENNEDY & ASSOCIATES (952) 922-1955

4:35, and we have run through the folks that --2 MS. OVERLAND: No. 3 THE JUDGE: -- that have asked to 4 speak. 5 MS. OVERLAND: I was before Alan. 6 THE JUDGE: Who are you? 7 MS. OVERLAND: Carol Overland. 8 THE JUDGE: Carol Overland, did you 9 make a request to speak? 10 MS. OVERLAND: Yes, it's right on 11 there. It was right before Alan. 12 THE JUDGE: Alan, what is the last 13 name, Alan what? 14 MS. OVERLAND: Alan Muller, I put 15 his name on the sheet, and mine is before his. It was 16 on the second sheet that was up there, and I think I 17 was the first line on the second sheet. THE JUDGE: You know what, that 18 19 ended up becoming the last list, my apologies. Okay, 20 go ahead, you have -- yeah, we didn't organize them 21 back as Page 1 and 2 and 3, so my apologies for that. 22 MS. OVERLAND: Not a problem. 23 THE JUDGE: Go ahead. State your 24 full name again. 25 MS. OVERLAND: Sure. My name is KIRBY A. KENNEDY & ASSOCIATES (952) 922-1955

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UNIDENTIFIED MAN: Yes. THE JUDGE: Okay. And then Bob Tammen. Please state your full name, and spell your name for the record.

MR. TAMMEN: Thank you, Your Honor. I am Bob Tammen, T-A-M-M-E-N, Soudan, Minnesota, an old mining town up in the Iron Range. I am a retired electrician. My wife Pat taught for over 30 years as an Ely Elementary teacher.

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I'd just like to make a general comment that I believe it's reasonable to vigorously regulate greenhouse gases, and I say that because of my work experience. In my late teens I worked in the oil fields in Wyoming drilling oil wells. My middle years, I spent many years working in the mines. Mining is boom and bust, so in my later years before my retirement I worked on the wind farms, and my best paychecks came from the wind farms. I like clean energy. What corporations call the cost of compliance, I call a paycheck.

I believe that creating a healthy environment will create a healthy economy, and so with that I conclude regulate greenhouse gases enthusiastically. Thank you.

THE JUDGE: Thank you. Okay. It's

Carol Overland, I am an attorney. My company is Legalectric, L-E-G-A-L-E-C-T-R-I-C dot O-R-G, and I work primarily before the Public Utilities Commission, but have a lot of agency experience.

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Looking around the room today, there is hardly anyone here. Why is that? I am very concerned because I think it's a function of improper notice. There are a lot of people who requested a hearing, and there are very few people here, and there is certainly very few of the usual suspects you would to see at a greenhouse gas hearing. Where are they? That is really unusual.

The MPCA did admit that the notice didn't comply, and the meeting notice was August 15th. It's supposed to be under Minn Stat 14.14, Subdivision 18 30 days before the hearing, and that is not.

So I would ask that this hearing be re-noticed and held properly with proper notice, and that is also under Minn Stat. 14.50. Subdivision 2. the ALJ is supposed to conduct only hearings that have had proper notice.

So we do have a problem here, and I think that this problem is reflected in how few people are here. I expected standing room only and it's not.

I also ask, which is something I requested

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too in my initial request for a hearing on this, that there be an evening session because people have to work and they can't be here, and there is a lot of people in Minnesota who are concerned about greenhouse gases and the regulation of them and they are not here. And how many of them would be here if we had a hearing in the evening? That is when most people are able to go. Not many people are as fortunate as I am, being self-employed and show up here.

Also I wanted to be clear I am making these comments as an individual and not as representing any party.

But very few people can just take time off to come to a hearing like this, so I ask that this be re-noticed, held properly, and that there be an evening session so people can join in.

Also I want to note that under 14.14. Subdivision 2a guestioning is allowed. The ALJ shall allow questioning of Agency reps or witnesses. We need to do that. We need to get the information in the record, and that is really the only way we have to do it. I will have a few questions, not many, but a

First, the 2007 laws, as Mr. Muller noted, it had strong bipartisan support, and it requires

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what I see happening here.

We need regulation somewhere between that 100 and 120,000 number of entities emitting greenhouse gas, and, you know, no, we shouldn't be putting an unreasonable burden on the Agency, but the Agency already has a problem in not having the ability to do its job, not having the funds to have staff on projects, and we need to find a middle ground, and we shouldn't be basing our rulemaking on not having the resource and staff to do the job. That is just not right. That is not what we're here for today.

THE JUDGE: Now, is that a question, or is that a rhetorical question?

MS. OVERLAND: That is a statement,

but my question to them --

THE JUDGE: I am ready to pose that question to them if that is your question.

MS. OVERLAND: Right, and I have a feeling they are not going to be able to throw out a number, but I think that is something that they should answer in the record on this is what kind of budget do you need to do the job because I want to see that you have the budget. I want to see that you are able to do your job. I have seen a lot of people in the MPCA, and I don't have a lot of experience with the MPCA,

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cutting -- it has a goal of cutting greenhouse gas emissions by 15 percent by 2015, 80 percent by 2050. It's clear that the intent of this rule is not to implement the 2007 Next Generation Energy Act, but it is reasonable and necessary to reduce the threshold. and I would expect to see that from this rule.

On Page 11 of the proposed rule, Exhibit 3 -no, it's the SONAR, isn't it, just a second. Page 11 of the SONAR, which is Exhibit 3, and that was referenced earlier about offering regulatory relief to small sources. Just above that in Paragraph 5 it notes the current budget constraints limit the MPCA's ability to hire new staff. A large number of new greenhouse gas permit applications could result in a backlog extremely difficult to overcome. Right now we have got serious problems with backlogs. We do have outstanding permits that have been expired for how many years and nothing is happening on them and nothing is going to happen any time soon.

The guestion I have for staff is what kind of budgetary increase, what kind of support do you need here to be able to do the job because it's not happening? We need that to happen in Minnesota. We need the funding for the MPCA because essentially without it it's deregulation de facto, and that is

but I have seen a lot of people that care about what they do and are really struggling to get it done with the workload, as it is with the PUC or the Department of Commerce, it's out of control, as it is at the Office of Administrative Hearings where staff has been gutted.

We can't operate that way, and we need the funding, so I am hoping that in their reply comments they will be able to address what kind of funding level is needed to do a reasonable and necessary review and permitting if necessary beyond reporting. permitting if necessary of these greenhouse gases. It's a long-term question as a question for later.

For Exhibit 2, moving on to the actual proposed rule, for example, everywhere it says 100,000, like on Page 4, Line 4.19, Page 9, Line 9.17, anywhere it says that 100,000, I don't think that that is the necessary and reasonable. I think it's necessary and reasonable to lower the threshold, so each point where it says that I think that should be lowered to at least 25,000 tons or less.

On Page 13 to 14 there is an exclusion of biogenic CO2, and it seems to be based on mirroring the Federal language, but the State can be more stringent, so what I would like to know is what is the

93 basis for that exclusion, or is it just that it's to 1 2 mirror the Federal? THE JUDGE: Ms. Conti. Please refer 3 4 to the citation that you made so I can follow along 5 with the discussion. 6 MS. OVERLAND: It's Page 13 and 7 going into Page 14, and the rule section is 7007.0325. 8 THE JUDGE: Thank you. 9 MS. CONTI: Your Honor, the MPCA has 10 opted to include the Federal biogenic carbon dioxide 11 exclusion in the calculation for potential to emit. 12 This mirrors the Federal EPA, and that was the Agency's intent. 13 14 It's true that other states are not 15 implementing this exclusion. However, when I have 16 spoken with other states, it wasn't necessarily 17 because they had a specific concern regarding biogenic CO2 versus other CO2 sources. For some states it was 18 19 merely an administrative issue that they could not 20 undertake a timely rulemaking for the amount of time 21 the temporary exclusion would be in place. 22

Because we had these rules open, it was timely for Minnesota to make this change. If that had not been the case, we may have been one of the states that did not follow EPA on that exclusion.

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list of six pollutants which the US EPA has defined as greenhouse gases for the purposes of the permitting rule. These are the same pollutants that they have included in greenhouse gas reporting regulations. Nitrous oxide is the specific chemical that has a greenhouse gas impact. Oxides of nitrogen are a regulated pollutant under other parts of the Clean Air Act and EPA regulations, and they have other rules that apply for oxides of nitrogen. THE JUDGE: So your answer is that this is appropriately included in this rulemaking? MS. CONTI: Yes, is the correct pollutant.

THE JUDGE: Okay.

MS. OVERLAND: Then at the bottom of

Page 43 where it says large capital N, capital O, little X, you're saying that is nitrous oxide.

MS. CONTI: No? MS. OVERLAND: No?

MS. CONTI: Oxides of nitrogen is

represented in writing as N-O small x. MPCA already has portions of its permit rule that address oxides of nitrogen. We have written out nitrous oxide to differentiate the compound that is regulated as a greenhouse gas separately from other nitrous

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compounds.

MS. OVERLAND: Okay. Thank you for

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that clarification. I appreciate that. And then regarding the rulemaking, earlier, and it sounded as if his name was Mr. Coal Ash, but I don't think that is right. Is it Kohlasch?

MS. CONTI: That is how it's

pronounced.

THE JUDGE: That is how it's

pronounced. He stated that there was not any rulemaking at the PUC or Commerce, correct, regarding

the 2007 Next Generation Energy Act?

MR. KOHLASCH: No, that is not what

my statement was. It was that for the PCA.

MS. OVERLAND: For the PCA there was

no rulemaking. Are you saying then that there is rulemaking at the PUC and Commerce regarding this?

MR. KOHLASCH: I would have to

review the rule, the statute, but the PUC has specific -- I should come up.

Thank you, Your Honor. To answer the first question again so everybody can hear that: No. my statement was not that the PUC did not have rulemaking authority granted to it or directed to it in the Next Generation Energy Act. My statement was that the

MS. OVERLAND: Okay. Thank you.

And as a comment I would like to say that there is a myth about biogenic carbon dioxide that, for example, is a biomass because it's a biomass it doesn't then increase carbon dioxide, the carbon dioxide emissions. it balances out; but that is no true because of the length of time it takes to produce the biomass and the length time that it takes it burn it, it's gone, and so that doesn't work out. That is a myth. I think that that entire section should just be crossed out. From Page 13, Line 13.12 to Page 14, 14.11, cross it

Going again to the actual rule proposed, Exhibit 2, Page 40 through 42, I note that it says nitrous oxide, which I don't think we are talking about laughing gas here, so should that be oxides of nitrogen or nitrogen oxide? That is a question I would like answered ves or no.

> THE JUDGE: Where is that citation? MS. OVERLAND: That is from Page 40

at the bottom going all way through to 42, Line 13, and then there is reference to NOx on Page 43 at Line 43.27, so should that be nitrogens of oxide or nitrogen oxide or whatever?

MS. CONTI: Your Honor, there are a

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rules under the Next Generation Energy Act. Regarding the question of does the Public Utilities Commission have rulemaking directed to it under the Next Generation Energy Act? I don't want to answer that right now without reviewing the actual statute because that would be applied to the Public Utilities Commission and I don't want to speak on their behalf.

Pollution Control Agency was not directed to adopt any

MS. OVERLAND: And then while you're still here, is this the only rule related to greenhouse gas that under the MPCA?

MR. KOHLASCH: Your Honor, yes, as far as I can recall, this is the only greenhouse gas rule that the Pollution Control Agency has undertaken at this point in time. Again, it was prompted and driven by the changes at this Federal level to regulate greenhouse gases as an air pollutant and to establish permitting thresholds for the permitting programs that individual states operate under the Clean Air Act.

MR. COOLEY: Supplementing the

temporary rule.

MR. KOHLASCH: And it supplements

the temporary rules that were adopted in 2011 and

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MR. PENTEL: Hello, Ken Pentel with the Ecology Democracy Network, and Mr. Tourville had brought up a point associated with the temporary relating to the statement I had made earlier that the requirements include assurances that the proposed rules are necessary and reasonable, and that any modification that the Agency made after the proposed rules are initiated do not result in the rules being substantially different from what the Agency originally proposed.

So what I am hearing from Mr. Tourville was the conflating or seemingly a rationale to conflate the word temporary with the word permanent. Temporary is basically just serving for a limited time. It is not permanent. That is generally the definition of temporary. Permanent is basically everlasting, it's indefinite. So there are two different things happening here. Last year --

THE JUDGE: It was actually two

years ago.

MR. PENTEL: Two years ago temporary was established, but it was not permanent. Now we are talking about permanent. That is a bigger thing.

THE JUDGE: Okay.

MR. PENTEL: That is more important.

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makes those permanent so that the Pollution Control Agency can maintain its authority to issue permits under the Clean Air Act.

MS. OVERLAND: Okay. Thank you.

That is all I have. Nothing further.

THE JUDGE: Can I ask a question, I did have a question that was raised earlier by one of the other commentators. What was the question? I believe it related to -- I believe it was a question that was raised about using other thresholds -- I will are have to think about that, okay, it's not coming to me now, but I was left with a question.

MS. HEMPHILL: Your Honor, I remember your saying -- I am sorry, Stephanie Hemphill, H-E-M-P-H-I-L-L. You said you would ask the Agency, if she didn't ask, and that was about what resources they would need to do a job. Was that it?

THE JUDGE: No. it wasn't something

she raised. It was another commentator.

MS. HEMPHILL: Sorry.

THE JUDGE: Let me see if it comes

back to us. Okay. Thank you for your comments. It was a question raised by the response of the Agency by counsel, and I was going to afford you the

opportunity, Mr. Pentel, to respond to that.

THE JUDGE: Let me tackle this:

What he is talking about there is that only pertaining to the rules that are being proposed now becoming permanent, and then there are particular amendments to those rules. Okay. When the Agency is required to put out a notice to the public announcing that there are going to be changes to the rules, what we're talking about being a significant departure from that is that if they are proposing this, but they end up passing something else totally different, that is a significant departure from the notice that has been given to the public.

So it doesn't relate back to the temporary rules that became law two years ago. We are not talking about that. What we're talking about now are is the notice that was just given recently, and I guess that is one guestion I was going to bring back to you that was raised by Counsel here as to the notice issue, so I would like to you respond to that, but that is a separate question.

The point is is that in the notice that has been given for this proceeding relating to making the temporary rules now permanent, if something comes out of this proceeding that is going to be totally different than what was announced and notified, then I

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can find as a matter of law, and that is why he said it's a legal question. I can find as a matter of law that they have departed from what they said they were going to do and have done something else, and that reasonable people that have received these notices and expected that they would happen as proposed but now find out later that they haven't happened as proposed, that they have violated their notice, and I find as a matter of law that they have departed from what they said they were going to do, that the rules that they are actually proposing are significantly different and the people that might have been interested to challenge what is being enacted into rule didn't get that opportunity to challenge that because they told me it was going to be this rule and instead they did that. Do you see what I mean? MR. PENTEL: Right.

THE JUDGE: That is kind of a long

way of an explanation, but that is really the challenge that he was referring to, and so I think it's a little different than what --

MR. PENTEL: So the differentiation between what we have been using as temporary and what we are talking about having as permanent is not that different? You're talking about there is not a big

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the dynamic of what would be considered a permanent rule, so I would just say -- I would offer that as part of the thinking as you go through the process of putting this case together, what has -- what was temporary was considered temporary.

THE JUDGE: Okay.

MR. PENTEL: And facts have changed

during that period.

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THE JUDGE: Right, and I am going to need some help with that. I mean, yes, things have changed, but why should we not use the standards employed by what is being proposed? Do you see what I am saying? Give me a finer point on this and comment to us and we will take that into consideration.

MR. PENTEL: Okav. And

Mr. Tourville, the second point you made, what was that?

MS. CONTI: It was about the

reasonableness of the rule.

MR. PENTEL: Okay. I see. I guess once again it comes back to the facts based upon the facts we have now in 2012 is this a reasonable response, and I would contend it's completely inverse to reasonableness at this point based upon the facts we are handed. So that would be my input at this

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THE JUDGE: There is not a big deviation from what they proposed in their notice for this hearing --

MR. PENTEL: Right.

THE JUDGE: -- as to what will actually result if these rules are passed. That what they told you they were going to do, they actually did.

MR. PENTEL: Okay.

THE JUDGE: Now, what we're disagreeing here or the disagreement I hear today is that there can be other reasonable standards employed rather than the ones that they are adopting from the Federal regulations that become Minnesota law on a temporary basis, and that seems to be what the bone of contention is here, not that they are proposing one thing and will end up with something totally different.

MR. PENTEL: Right. And what I would just say is during the period of the temporary rule facts have changed, facts have changed.

THE JUDGE: Okay. And I would like

you --

MR. PENTEL: And that does change

point. Thank you.

THE JUDGE: Thank you. Mr. Tourville, I am going to ask you to respond to the notice issue that was raised by Ms. Overland. If I understood her characterization, she indicated that parties have less than 30 days.

MR. TOURVILLE: So Andrew Tourville for the MPCA. We are referring to Exhibit 7 in the binder of documents, and Exhibit 7 is the certificate of giving additional notice, and it refers to the fact that the notice was sent on June 9, 2012, which was 32 days before the end of the comment period.

We're dealing with statutory requirements. and we are also dealing with the requirement of the OAH rules about when the notice must be mailed. The OAH rules state that the notice is mailed 33 days before the end of the comment period or before the hearing. I hope I am quoting that right.

MS. OVERLAND: Can you cite that,

please.

MR. TOURVILLE: Excuse me? MS. OVERLAND: Cite that, please,

what is the citation on that because I am looking at

24 14.14. 25

MR. TOURVILLE: I am referring to --

I have already referred to the wrong exhibit. It's Exhibit 6.

THE JUDGE: Okay.

MR. TOURVILLE: Exhibit 6 is the certificate of mailing the notice to the rulemaking mailing list, so that certificate says, from Nathan Cooley, it says that he mailed the notice on July 9th. The end of the comment period was stated as August 10th. If you count the days by not counting July 9th and including August 10th, which is the rule about how to count, that is 32 days.

The notice also says when the hearing is. The hearing is August 30th. There is more, many more days than 30 days or 33 days.

So the part of the notice -- it's a dual notice that is designed to handle the situation where there might be a hearing or there might not be a hearing. So the part about today's hearing, there is more than 33 days. It complies with the OAH rule, and it also complies with the statute.

What I brought up was that the notice was not 33 days before the end of the comment period.

But as a practical matter, the notice got to folks because it was e-mailed to them, and it got to them the same day that was sent out, so that is 32

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The statute requires 30-days notice, so there is more than 30-days notice from the State Register publication.

The only issue is the application of the OAH rules requiring 33 days before the end of the comment period. Since the rule is based on the statute, the need for 30-days notice, and it's an old rule and it still contemplates mail notice and the three-day rule that we have followed as lawyers for years and years and years. Now that we have instant messaging and electronic messaging, the notice got to people before the 30 days.

So MPCA is hoping that this was a harmless error, so that is what I was trying to convey.

THE JUDGE: All right. And then to follow-up on another concern, the question was raised that the expectation was that there would have been more people here. Are the public interest groups on that mailing list as well as, the e-mail list of 3,000 folks?

MR. COOLEY: It's self-subscribing.
MR. TOURVILLE: It's a
self-subscribing list, so it depends on whether those

organizations would register their names to get notice.

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days. So there was 32 days before the end of the comment period for the giving of the notice, and the notice went to all 1,388 people, so that is more than -- so that includes all of the people who were specifically interested in this rule, and it also went to the folks who indicated that they were interested in MPCA's rulemaking in general and they were also interested in air issues.

MR. MUELLER: When was the public

notified?

MS. OVERLAND: That there would be a

hearing and where it would be and when?

MR. TOURVILLE: The public is

notified -- well, the notice -- all right. So the complication is that there is a comment period. The comment period invites comments or requests for hearing. The comment period ended on August 10th. So by August 10th if there were not 25 requests for hearing, there wouldn't be a hearing. There wouldn't have been any hearing.

There were more than 25 requests for hearing, so then there is a notice that goes out that there will be a hearing, but the date of the hearing was given in the original notice on July 9th, and it's in the State Register, and that was also July 9th.

THE JUDGE: So staff here is not aware or not of who is on that list?

MR. TOURVILLE: The list is attached

to the certificate. They're e-mail addresses so you can't always read what they are. I'm assuming that there would be some organizations. I did look at the list a little bit, it isn't just individuals. There are businesses or what look like organizations. There are government folks on the list even from other states. Iowa has several people on the list.

So it's hard to know who is moved to sign up to get a notice, but we do rely on the State Register notice, which I would hope folks that are interested, organizations that are interested, I reference organizations in particular in this case is the issue, that they would -- I believe they follow, they look at the State Register, but there is no way to guarantee.

MR. COOLEY: I will just say, Nathan Cooley, MPCA, and I am the rule coordinator for this

rulemaking, that in our previous system we had what we call an Agency M list, which is the list of people who had asked to be notified when there was a rulemaking, and there were approximately 400 people on that list.

In the last year or so we have migrated to a system called Gov Delivery. We mailed to all the

people that were on that M list and said we're switching to Gov Delivery, and if you're interested in any topic, please go there and register yourself so that you will continue to get notices.

So then we -- and we went from about 400 people on that list to -- well, there was 702 people registered under this particular greenhouse gas rules list, so we greatly expanded the number of people we are reaching.

We actually sent to multiple several different lists. In addition to the greenhouse gas rule list, we have included general rulemaking interests and air quality, general air quality issues for the initial notice, so we ended up reaching about 1.380 some odd people.

Some of those end with a dot org, you know, I could go through the list and try to find some examples for you, but I think I am pretty sure we are pretty well covered. I'm pretty sure the organizations are on top of that.

THE JUDGE: Thank you.

Ms. Overland.

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MS. OVERLAND: My question would be

there was this greenhouse gas group that they had referred to earlier that came out with the report and

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those people.

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If I might respond, we found a list of people who indicated they were "interested parties" from the original temporary rulemaking, and as part of my effort to make supplemental or additional notice I did e-mail to that group. I can't say whether -- I didn't look, and I can't say right now whether they were also self-subscribed to the Gov Delivery list.

THE JUDGE: Okay. All right. Final

comments then?

MR. MUELLER: Just on this point, the PCA has a public notice list which appears close to the front page of the Agency's main website, that there one looks for permitting actions, public comment periods and so on, that is what I rely upon if I want to look to see what is going on. Was there a 30-day notice on that, that means of communication?

MR. COOLEY: Nathan Cooley. Yes,

Mr. Muller, we published on our notices page this notice for this rulemaking describing the scope of our intent to adopt these rules and the scope of our need to adopt these rules, and then we included in that a link to our SONAR and to our notice and to the proposed rules.

The way that that notice web page works for

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there was a task force and groups meeting regularly, and it seems like that is a group that would have the e-mails of people that should have been notified of this, and I would wonder what the overlap is there. I would think that that would be a logical place to send -- you know, e-mail doesn't cost anything, and the entities that held these meetings would have that information, and it could easily have been sent out to those people.

THE JUDGE: So are you asking

whether that happened?

MS. OVERLAND: Right. Will

Exhibit 7 be available online. I could look at that

and get a rough idea?

THE JUDGE: Yes, I believe so. I

believe we will put -- try to get everything online. I may be speaking out of school here, but I believe those documents -- does the PCA have those documents

online?

MR. COOLEY: We have a lot of the documents for this rulemaking online. I'm not sure that we have everything. Like the list of people who we sent Gov Delivery to, I don't think I have posted all of that. We posted a list of the people who commented or requested a hearing, so we posted all of

our Agency is that that material is up there during that actual live notice period.

MR. MUELLER: Right.

MR. COOLEY: And then subsequent to

that it goes to an archive page, and it is still on

there as an archive at this point.

MR. MUELLER: When did it go up? MR. COOLEY: On July 9th, the start

of the notice period, and it stayed on through August 10th, the last day of that notice period.

MR. MUELLER: Okav. And do vou do

newspaper publication anymore?

MR. TOURVILLE: I am in the wrong

spot.

MR. COOLEY: Mr. Muller asks whether

we do newspaper publication. The legal requirement is that we publish in the State Register, and that is where we published for that venue of legal notice. We also provided it to our self-subscribing Gov Delivery

e-mail list for people.

MR. MUELLER: Just one more, I am personally satisfied that there was 30-days notice --

MS. OVERLAND: No.

MR. MUELLER: -- on your public

notice list. I don't know how other people would feel

confusion, let me make it clear. It's September 19th 2 and 26th. 3 MS. OVERLAND: Got it. Thank you. 4 THE JUDGE: Thank you. Have a good 5 evenina. 6 (Whereupon, at 5:12 p.m., Thursday, 7 August 30, 2012 the Rulemaking Hearing 8 was adjourned.) 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

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recommendation that you will get a notice as to how to

MS. OVERLAND: Will that be on the

THE JUDGE: Yes, it will probably be the day of or the day after I release the report it will be posted on our website as well, so it's going to be available.

Thank you very much for your comments. I will take them into consideration in making my recommendation.

I am going to leave the record open until September 26th I believe is the last day of the rebuttal period, and then at that point we will start working on our recommendation.

MS. OVERLAND: To clarify, the days are September 19th for initial and September 26th?

THE JUDGE: I believe that is the

case.

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MS. OVERLAND: Because I have heard

a couple of dates.

THE JUDGE: I apologize for the

STATE OF MINNESOTA) COUNTY OF HENNEPIN)

## REPORTER'S CERTIFICATE

I, Angela D. Sauro, do hereby certify that the above and foregoing transcript, consisting of the preceding 115 pages is a correct transcript of my stenograph notes, and is a full, true and complete transcript of the proceedings to the best of my ability.

Dated September 6, 2012